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## In the United States Patent and Trademarks Office

Serial Number: 10/691,031 Date: February 03, 2007  
Filing Date: October 22, 2003 Applicant(s): Edward Z. Cai  
Appn. Title: Fluid delivery system for generating pressurized hot water pulses  
Examiner: Reginald L. Alexander / Art Unit 1761

**Petition To Withdraw Holding Of Abandonment Based On Failure  
To Receive Office Action (MPEP 711.03(c) II and 37 CFR §1.181)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn.: Examiner Reginald L. Alexander / Technology Center

Fax # 571-273-8300  
4 pages total

Dear Madam/Sir:

Responsive to the Office communication mailed 01/08/2007, the applicant respectfully submits the Petition to withdraw holding of abandonment based on failure to receive office action (MPEP 711.03(c) II and 37 CFR §1.181).

The applicant has not yet received an Office Action on the issue fee for the application. The applicant first learned about the allowance of this Application last December during a conversation with the Examiner regarding a prior art for another application. The Examiner told the applicant to call Diane Floyd, and Ms. Floyd offered to re-send the letter after she learned it has not yet been received.

The applicant attests to the fact that he has searched through the file jacket many times and has not found any record of the Office action on the allowance or issue fee. The docket records, which is attached, showed that the last Office action the applicant received was the NOTICE OF FEE DEFICIENCY. The applicant paid the \$800 for the additional claims fee on May 20, 2006.

This patent application is critical to the applicant and the European Patent Application (No. 04795334.4) and Canadian National Phase Patent Application (No. 2,543,207) have been filed. A copy of the European and Canadian National Phase Application notices were also attached. This application is also the critical improvement to applicant's two issued US Patents 6,405,637 and 5,267,506, which are actively maintained.

Please call me at 360.833.9822 (office) or 360.608.4127 (cell) in case additional information is needed.

Sincerely yours,



Edward Z. Cai, Ph.D.  
Applicant

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## Docket Records

Fluid Delivery System for Generating...  
filed 10/22/2003

- Notice to file Corrected paper 1/23/04
- Send \$18 & Corrected Paper Mar 22, 2004
- Info Disclosure 02/18/2005
- \* Updated filing receipt 9/19/05
- OFFICE ACTION 11-14-2005
- AMENDMENT A Apr 21, 2006
- FEE Deficiency NOTICE 5/10/2006
- Send \$800 check 5/20/2006

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EUROPEAN PATENT APPLICATION  
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APPLICANT CAI, Edward, Z.

APPLICATION NO. 04795334.4

APPLICATION DATE (PCT) 14 Oct 04

SUBJECT 8651.0007

DESIGNATED EP STATES

AT BE BG CH/LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SK TR

P.C.T. APPLICATION NO. PCT/US04/34154 Date: 14 Oct 04

P.C.T. PUBLICATION NO. WO05/41729 Date: 12 May 05

PRIORITY DETAILS (First)

Date	Number	Country
22 Oct 03	10/691031	United States of America

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REMARKS

This is a European Patent Application derived from  
International Patent Application No. PCT/US04/34154

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FORRESTER & BOEHMERT

Professional Representation at the European Patent Office  
Sugelassen zur vertretung vor dem Europaeischen Patentamt

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OYEN WIGGS GREEN & MUTALA LLP  
The Station  
480 - 601 West Cordova Street  
VANCOUVER British Columbia  
V6B 1G1

Date : 2006/06/22

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## AVIS D'ENTREE DANS LA PHASE NATIONALE NOTICE OF NATIONAL ENTRY

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N° de demande/Application No. :	2,543,207	Date de dépôt/Filing Date	: 2004/10/14
Votre référence/ Your Reference	: C011 0664		
Date de priorité/ Priority Date	: United States of America (10/691,031) 2003/10/22		
Titre de l'invention/ Title of Invention	: FLUID DELIVERY SYSTEM FOR GENERATING PRESSURIZED HOT WATER PULSES		
Demandeur(s)/Applicant(s)	: CAI, EDWARD Z.		
Inventeur(s)/InvenTOr(s)	: CAI, EDWARD Z.		

La requête d'examen et la taxe prescrite ont été inscrites au dossier.

The Request for Examination and prescribed fee for examination has been made of record.

Avis spécial

Veuillez noter que la taxe annuelle qui permet de maintenir votre demande en état est applicable tous les ans à compter du 2e anniversaire jusqu'au 20e et vous devez la payer au plus tard à la date d'anniversaire. L'omission de payer cette taxe avant l'expiration du délai fixé résultera en l'abandon de votre demande.

Special Notice

You are reminded that annual fees to maintain your application are needed for each one-year period between the 2nd and 20th anniversaries, and must be paid on or before each anniversary. Failure to pay within the prescribed time limit will lead to abandonment of your application.

Commissaire aux brevets/Commissioner of Patents

Canada

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